

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

DECEMBER 11, 1969

Covered walkways connecting campus buildings are among the most welcome ideas in the Diamond-Myers Long-Range Development Plan, which will be published in FOLIO in the near future. The beginnings of the first walkway stretch from the Students' Union Building to the new car park.



ESTABLISHMENT OF UNIVERSITY PRESS APPROVED

Approval was obtained from the Board of Governors on September 6, 1969, for the establishment of a University of Alberta Press. A modest budget was made available to facilitate publication of learned and academic works bearing The University of Alberta Press imprint.

Following this decision by the Board of Governors, the Publications Committee no longer reported its activities to the President but to the General Faculty Council. In view of this procedural change, the Committee would like to acquaint all faculty members with its present mode of operation.

The Publications Committee's main functions now, once a title has been accepted, are to act as editorial consultant and technical adviser to the author through all phases of the publication procedure. The Committee, in co-operation with the author, will carry out cost estimates, plan layout and format, draw up the contract and royalties agreement, carry out market research, and help in the promotion and distribution of the published work.

Membership of the Publications Committee has changed since the Board of Governors' decision. It now consists of representatives from several major academic disciplines and individuals with technical knowledge of publishing.

It is hoped that the increasingly heavy administrative and technical work now done by committee members will eventually be taken over by a full-time Editor Manager with appropriate supporting staff. At the moment no funds are available for this purpose. When such staff comes into being the Publications Committee would then assume the role of Editorial Board. The "Board" would work in liaison with the various Departmental Publishing Committees that already exist in various faculties on the campus.

Any faculty member wishing to discuss publication of a manuscript should get in touch with any one of the members of the Publications Committee listed below:

S. Greenhill, M.D.	
Faculty of Medicine	6401 Chairman
G. Hermansen	
Department of Classics	3295
G. S. H. Lock	
Department of Mechanical Engineering	4077
J. R. T. Grant	
Printing Services	4246

N. Parker-Jervis	
Department of English	4632
L. E. S. Gutteridge	
Cameron Library	4676
Mrs. N. Gutteridge	
Publications Office	4991 Secretary
J. J. Bond	
Boreal Institute	4744
W. Jungkind	
Department of Art	5104 Consultant
A. B. Bhatia	
Department of Physics	3523

PEOPLE

STEVE PAWLUK and J. A. ROBERTSON of the Department of Soil Science attended meetings of the American Society of Agronomy and Soil Science Society of America, Detroit, November 9 to 13. En route, Dr. Robertson visited the Soil Science Department of Michigan State University for discussions with H. D. FOTH who is developing audio tutorial teaching techniques for introductory Soil Science courses.

F. V. MAC HARDY, Dean, Faculty of Agriculture, and C. F. BENTLEY, of the Department of Soil Science, participated in a meeting on November 19 arranged by the Canadian International Development Agency. The Deans of Agriculture and Veterinary Medicine met with CIDA officers to discuss ways and means whereby the Faculties of Agriculture and Veterinary Medicine in Canada can be more effectively and extensively involved in Canada's overseas development assistance work.

J. MICHAEL DIXON, Director of the Provincial Laboratory of Public Health and Professor of Bacteriology, was elected First Vice-President of the Canadian Association of Medical Microbiologists at the annual meeting of the Association held in Toronto on November 27.

A. K. DAVIS and GEORGE KUPFER of the Sociology Department have returned from India where they attended the Eleventh World Conference of the Society for International Development.

S. THOMSON, Professor of Civil Engineering, presented a paper entitled "River Bank Stability at The University of Alberta, Edmonton" to the Twenty-second Annual Soil Mechanics Conference of the Geotechnical Engineering Division of the Engineering Institute of Canada, held at Queen's University on December 8 and 9. S. R. SINCLAIR, Chairman of the Department of Civil Engineering, is chairing a technical section of the conference on groundwater problems in geotechnical engineering.

GEORGE FORD, Chairman and Professor in the Department of Mechanical Engineering, addressed the luncheon meeting of the Association of Professional Engineers of Alberta on November 29. Dr. Ford's talk was entitled "You and Your Profession." At the same meeting DONALD G. BELLOW, Associate Professor in Mechanical Engineering, took part in a panel discussion entitled "Industry in Alberta—A Look Ahead to 1980."

JOHN G. WRIGHT, Associate Professor of Library Science, on November 22 spoke to Calgary teachers, librarians, and administrators on "The School Library in Education Today," one of a series of addresses sponsored by the Calgary Public School Board as part of a library seminar on the "Relevance of Education in Today's World: Program Involvement and Resources."

At the recent meeting of the Alberta Gymnastic Association, FRANCIS TALLY, Instructor of Physical Education, and G. ELLIOTT, Associate Professor, were nominated to the executive. In addition, Professor Elliott was nominated to the Board of Directors of the Canadian Gymnastics Federation.

At the recent Alberta Teachers' Association Professional Development Consultants' fall meeting, PAUL KOZIEY, Assistant Professor of Educational Psychology, presented an introductory kit on innovations in teaching entitled "Group Processes and Affective Learning in the Classroom."

CIRCULATION OF FOLIO

Beginning with the next issue, the distribution of FOLIO within the University will be changed in order to deliver it sooner.

At present, copies of FOLIO are individually addressed and mailed to academic staff and administrative officers. An extra supply is sent to each departmental office for graduate students and others who may be interested. Beginning next week, bundles of copies, with no individual address labels, will be delivered to each departmental office. The University Publications Office has written to each department, requesting that it arrange its own internal distribution.

Staff members who do not receive next week's FOLIO should first enquire at their departmental office, before telephoning the Public Relations Office (432-4201).

The new distribution procedure is being undertaken at the request of the Advisory Committee for FOLIO, on an experimental basis.

Evening Credit Program reorganization proposed

The Executive Committee of General Faculty Council has asked that the following brief concerning the reorganization of the Evening Credit Program be published. Persons who wish to make submissions concerning the brief may write to A. L. DARLING, Secretary of General Faculty Council, before January 31, 1969.

The brief was prepared by the Summer Session and Evening Credit Program Committee of General Faculty Council. H. T. COUTTS, Dean of Education, is Chairman of the Committee, and S. C. T. CLARKE, Director of the Summer Session and Evening Credit Program, is Secretary.

The brief follows:

THE PROBLEM

The general problem is the future of the Evening Credit Program. The dimensions of the problem are: 1. the Evening Credit Program on campus; 2. the Evening Credit Program off-campus in the attendance areas of Junior Colleges; 3. the Evening Credit Program off-campus, not in the attendance areas of Junior Colleges. The immediate problem placed before the Academic Development Committee and the Summer Session and Evening Credit Program Committee is to develop proposals for extending the off-campus program. A persisting problem common to evening credit and all university courses is the maintenance of standards.

The dimensions of the problem include the on-campus Evening Credit Program with about 1,900 students, 49 full-courses and 13 half-courses for a total of 77 sections in 1969-70. This part has grown rapidly over the

years. At present this program is a separate administrative structure. When a department offers courses in this program, the courses and students do not count in determining staffing. Instructors receive an honorarium. Students enrolled in the regular program cannot take Evening Credit Program courses without paying an extra fee unless special arrangements are made, (which in the past year or two have only affected two or three students), or unless they are in the graduate faculty and have reached maximum fees. There is a separate calendar for the Evening Credit Program. As currently organized, the Evening Credit Program is definitely a separate administrative unit on campus. The off-campus Evening Credit Program is small in comparison with the on-campus program. In 1969-70 there was an enrolment of about 450, of which over half was at centres where a Junior College is established. The practice at such centres has been to use the Junior College space, library, and where feasible, instructors, although instructors have also been supplied from the University. The relationship between the Junior Colleges and the University has consumed many hours of time by various committees. The present (October, 1969) affiliation agreements do not authorize a Junior College to offer any courses except on its own campus, and then only first year courses and for any one student a complete (five course) first year. However, a Junior College may offer the courses covered by the affiliation agreement in the evening, or in summer. For these reasons, the off-campus Evening Credit Program of The University of Alberta in attendance areas of a Junior

College is set in a different context than other off-campus courses. These latter are normally (although not exclusively) staffed by University of Alberta professors.

The problem of maintaining standards common for all university courses, is aggravated for evening credit courses, particularly those off-campus. Space may or may not be adequate, although in many centres fine new school buildings exist. Library facilities are restricted.

The University Library provides a kit of from 30 to 150 books per course, which remain stationed at the Evening Credit Centre during the duration of the course, and also provides a direct mail loan service to students. Laboratory facilities are non-existent, and laboratory courses are not offered where special facilities are required. The students are fully employed, in off-campus centres usually as teachers (over 90 per cent) while of on-campus students some 67 per cent are teachers.

Some measures can be taken to compensate, at least in part, for these difficulties in maintaining standards. Students can be permitted to take only one course. Instructors can be appointed who are experienced in teaching the course and who are familiar with university standards. Instructors can be encouraged and assisted in innovating enrichment practices. Finally, courses which require extensive library reading or laboratory equipment can be avoided.

A BRIEF HISTORY

A non-credit evening or extension program has been offered by The University of

EVENING CREDIT PROGRAM REVENUE AND EXPENDITURE

Year	Revenue			Expenditure			Total expenditure	Expenditure per student	Excess revenue over expenditure
	Total revenue	Enrolment	Revenue per student	Academic staff and assistants	Travel	Other			
1969-70	273,800 ³	2,365	115	156,300	5,200	9,500	171,100	72	102,700
	est.	est.		est.	est.	est.	est.		est.
1968-69	246,394 ²	1,948	127	128,612	7,096	7,628	143,336	74	103,058
1967-68	175,539 ¹	1,849	95	108,548	5,853	7,438	121,839	66	53,700
1966-67	171,310 ¹	1,743	98	73,102	8,406	4,591	86,099	49	85,211
1965-66	144,116 ¹	1,448	100	62,786	6,827	2,936	72,549	50	71,567

¹ Fees \$100 per full year course.

² Fees \$135 per full year course for undergraduates, \$170 for graduates.

³ Fees \$135 per full year course except for Engineering and Graduate Studies, \$170; M.D. program, \$200.

EVENING CREDIT PROGRAM ENROLMENT

Year	On-campus							Off-campus: Camrose, Grande Prairie, Red Deer		Off-campus: other		Total full course equivalents
	Different full courses	Sections full courses	Different first term half courses	Sections first term half courses	Different second term half courses	Sections and term half courses	Class size	Full course equivalents	Class size	Full course equivalents	Class size	
1969-70	37	49	13	17	13	17	27.2 ¹	9	32.8 ¹	6	32.3 ¹	65.0
1968-69	34	42	11	13	12	13	26.9	7	33.1	5	41.0	57.5

¹ Based on preliminary enrolment as of September 29; not truly comparable with other firgures which are as of December 1.

Alberta since 1934. A Senate Committee in 1950 considered evening credit courses, which subsequently began in 1952 with these purposes: 1. to give those persons who were unable to attend regular day classes an opportunity to work towards a degree; 2. to enable teachers to improve their professional qualifications during the school year; and 3. to extend to those not seeking credit towards a degree an opportunity of participating in university courses. Starting in 1952, seven courses were offered in Edmonton and one in Calgary.

In the early years courses were offered at many centres which have since developed institutions of their own: Calgary, Lethbridge, Red Deer, Medicine Hat, Camrose, and Grande Prairie. Except in Calgary the common pattern was first to develop a Junior College, affiliated with The University of Alberta.

Turning now to more recent events, the Summer Session and Evening Credit Program Committee of General Faculty Council in the past few years (since 1966) favored offering Evening Credit Program courses only at centres where a course or courses could be offered on a continuing basis, not increasing the number of such centres, and if sufficient staff were not available, closing down the more distant centres. However, the Committee recognized that there is a continuing and even an increasing demand for off-campus courses.

General Faculty Council has never considered the general problem as outlined in this brief, and in fact has few motions on the Evening Credit Program, these dealing with examinations (1964), pre-session study (1963), televised courses (1966), and honoraria (1966).

As a solution to an immediate problem, the Evening Credit Program of The University of Alberta is offering two courses (English 380 and History 370) jointly with the Grande Prairie Junior College at Grande Prairie, and one course (Sociology 202) at Peace River in association with the College

during 1969-70.

This kind of arrangement foreshadows the possibly of joint offerings.

PRESENT STATUS OF THE EVENING CREDIT PROGRAM

The tabular material provides data which show that the on-campus Evening Program is growing steadily, from an enrolment of 997 in 1965-66 to an estimated enrolment of 1923 in 1969-70. In contrast with this rapid growth, the off-campus program in the attendance area of Junior Colleges has increased more slowly, from 227 in 1965-66 to an estimated 272 in 1969-70, while the off-campus program in other areas is relatively static (comparable figures are 224 and 170). Enrolment per instructor, and therefore revenue per instructor is higher for off-campus centres by approximately five students and about \$625. The expenditure

for travelling a distance of 60 miles approximates this sum.

Last year 42 professors offered full courses on campus and another 11 or 12 sections of full course equivalents were offered, where some instructors taught only one half-course. This year the corresponding figures are 49 professors plus 17 sections of full-course equivalents.

The excess of revenue over expenditure for the Evening Credit Program was \$103,058 in 1968-69 and is estimated at \$102,700 in 1969-70.

RECOMMENDATION 1

That commencing in the 1971-72 session, on-campus late afternoon and evening credit courses be integrated into the general operation of The University of Alberta so that such courses would become the responsibility of faculties and schools.

If the recommendation were adopted faculties and schools would notify departments and the departments would incorporate into their 1971-72 estimates, provisions for staff, supplies, equipment, etc., based on their previous Evening Credit Program offerings and on proposed changes.

If the recommendation were adopted, late afternoon or evening courses offered by an instructor would be incorporated into his instructional load, that is, they would not be an addition on his regular load. Staffing might be done by volunteers (some professors may wish to free blocks of time for research and for work with graduate students), rotation, as a condition of employment of new staff (for a period of time), by load adjustment, and by other arrangements. In the event a department could not staff late afternoon or evening courses, these would not be offered, and the department's budget would not provide for the instructors, supplies, etc.

The effects of such a proposal might include the following. Students and the public might be better served because of a wider distribution of course offerings over the day, late afternoon, and evening. Space might be utilized more completely. Some 70-80 professors would not have the present honorarium (\$1,625 in 1969-70) as supplementary income on campus. However, Department of Extension on-campus courses would still be available for this purpose, as would off-campus evening credit offerings.

The present Evening Credit Program office would have more time to devote to the off-campus program. The overall effect of adopting the recommendation might well be the complete integration of offerings throughout the day and evening. The major effect might be that what has been a separate operation might become an accepted and integrated responsibility of the whole University.

RECOMMENDATION 2

That The University of Alberta continue to accept responsibility for off-campus Evening Credit Programs (a) directly, and (b) by being willing to offer jointly with Junior Colleges courses which are beyond the affiliation agreements.

The University of Alberta has offered evening credit courses directly since 1952. It should be recognized that the continuation and extension of this program might involve increased costs. It would be understood that the offering of such courses would be contingent upon effective steps to safe-guard their quality.

If recommendation 2 were adopted, the implications of the University continuing to accept responsibility for off-campus evening credit programs directly would include the following. The Director might spend more time in the field, making arrangements for such courses. A considerable amount of flexibility of arrangement might be desirable (e.g. use of videotape, telephone hook-ups, assistance by graduate students, and the like). Registration deadlines might have to be reviewed. If there were an extension of such course offerings, there would be improved service to the people of the north, northwest, and northeast.

The implications of the second part of the recommendation are as follows. At present a Junior College may offer on its own campus courses in summer and evenings which the affiliation agreement has authorized as daytime offerings. It may be that these affiliation agreements will, in the future, be extended to include a second year. Regardless of this, in the foreseeable future there will be a demand for courses at the senior and graduate level which are beyond the affiliation authorization. Such courses could be organized and administered jointly by the college and the Evening Credit Program. The college would survey the needs, canvas its own staff for instructors, provide the space, and arrange for local publicity. The University would approve instructors or provide them, register students, and provide statements of standing.

Because joint offerings require joint

EVENING CREDIT PROGRAM ENROLMENT

Year	On-campus							Off-campus: Camrose, Grande Prairie, Red Deer			Off-campus: other			Grand Total
	Arts	Commerce	Education	Science	Graduates	Other	Total	Education	Other	Total	Education	Other	Total	
1969-70							1,923 ¹			272 ¹			170 ¹	2,365 ¹
Number							100			100			100	100
per cent														
1968-69	245	60	988	82	57	49	1,481	230	22	252	207	8	215	1,948
Number	16	4	67	6	4	3	100	91	9	100	96	4	100	100
per cent														
1967-68	247	53	888	57	32	50	1,327	244	20	264	242	16	258	1,849
Number	19	4	67	4	2	4	100	92	8	100	94	6	100	100
per cent														
1966-67	201	32	903	61	21	40	1,258	244	12	256	219	10	229	1,743
Number	16	3	71	5	2	3	100	95	5	100	96	4	100	100
per cent														
1965-66	154	19	759	26	16	23	997	206	21	227	220	4	224	1,448
Number	15	2	76	3	2	2	100	91	9	100	98	2	100	100
per cent														

¹ Based on preliminary enrolment as of September 29; not truly comparable with other figures which are as of December 1.

agreement, the wording proposes that the University show willingness to make such agreements on a course by course basis. There would have to be negotiations with a college about fee for service involved. For example, a college might have a certain proportion of student course fees returned to it in recompense for use of its space and library, the survey of needs, local publicity, and the like. The sharing of costs and of contributions would be matters for discussion.

If this part of the recommendation were adopted it would permit Junior Colleges which have the potentiality to move in an orderly fashion toward the "Lethbridge Formula" for second year transfer offerings. It might assist Junior Colleges in staffing. It might provide better service to people in the attendance areas of Junior Colleges. Staffing courses in such centres might well be facilitated. It might tend toward good relationships between the Junior Colleges and the University.

Appointments

The following appointments and resignations have been announced. They are effective during November, except as indicated.

APPOINTMENTS

BIOCHEMISTRY

JEANNINE M. CLEMETSON, Postdoctoral Fellow

BOREAL INSTITUTE

R. S. JAMIESON, Administrative Officer III
H. A. SHUCK, Professional Officer IV
(December 1)

BOTANY

R. H. MEPHAM, Postdoctoral Fellow

CANCER RESEARCH UNIT

T. HAYASHI, Postdoctoral Fellow

CHEMISTRY

R. D. COCKROFT, Postdoctoral Fellow
J.-Y. DING, Postdoctoral Fellow
G. O. EVANS, Postdoctoral Fellow
G. HORLICK, Assistant Professor
(December 1)
T. MURRAY, Postdoctoral Fellow

DENTISTRY

J. H. KARR, Associate Professor

DENTAL HYGIENE

JOANNE D. KARR, Assistant Professor

GEOLOGY

R. H. MITCHELL, Postdoctoral Fellow

LIBRARY

W. C. SCARNATI, Librarian, Grade I

MEDICAL LABORATORY SCIENCE AND PATHOLOGY

B. MOTYL, Professional Officer II and
Part-time Lecturer

MICROBIOLOGY AND CANCER RESEARCH

R. G. VON TIGERSTROM, Assistant Professor

PHARMACY

B. D. WHELTON, Postdoctoral Fellow

PHYSICAL PLANT

A. M. RENNIE, Administrative Officer II

PHYSICS

S. K. SHARMA, Postdoctoral Fellow

RADIO AND TELEVISION

W. G. BURLEY, Administrative Officer I

REGISTRAR'S OFFICE

G. EARLE, Administrative Officer II

RESIGNATIONS

CAMPUS DEVELOPMENT

R. L. WILKIN, Administrative Officer II
(December 5)

GEOGRAPHY

B. M. BARR, Assistant Professor, effective
June 30, 1970

GERMANIC LANGUAGES

E. REINHOLD, Professor, effective June 30,
1970

TENURE

The following have been granted appointments without term, effective July 1, 1970, except as indicated.

BIOCHEMISTRY

P. G. BARTON, Associate Professor
C. J. SMITH, Associate Professor

ELEMENTARY EDUCATION

M. HOROWITZ, Professor and Head
(January 1, 1970)

LIBRARY SCIENCE

G. S. PANNU, Associate Professor
J. G. WRIGHT, Associate Professor

SLAVONIC LANGUAGES

O. ZUJEWSKYJ, Assistant Professor

SOCIOLOGY AND ANTHROPOLOGY CONFERENCE

The Liaison Committee on Education of the Canadian Sociology and Anthropology Association (CSAA) and The Western Association of Sociology and Anthropology (WASA) are collaborating in sponsoring a Western Canadian Regional Conference on Sociological and Anthropological Research in Education, being held in conjunction with the Eleventh Annual Meeting of the Western Association of Sociology and Anthropology, to be held in Banff, December 28, 29, and 30. The program will consist of panels of contributed papers related to education (including formal education and minority groups, an attempt at native professionalism through teacher education, a plea for an unstructured university, and others), and a confrontation of social scientists presented by the Worth Commission on the Future of Education in Alberta and in the WASA region.

The registration fee is \$3. Reservations for accommodation at the Banff School of Fine Arts should be made by writing directly to the School. Further information may be obtained from B. Y. CARD, Department of Educational Foundations.

VISITORS

Z. VOTAVA, Head and Professor of the Department of Pharmacology, Charles University, Prague, Czechoslovakia, addressed the Centre for Advanced Study in Theoretical Psychology on Tuesday, December 2, 1969.

ROLF ROGERS, who teaches at the University of Washington School of Business Administration, was a recent visitor to the Department of Sociology. Professor Rogers presented a seminar on the "Framework for the Analysis of Organizations," and met with members of the faculty.

HANS MOL, Visiting Professor at the University of California, Santa Barbara, and Fellow in Sociology at the Australian National University, visited the Department of Sociology on December 4 and 5.

SWAMI VISHNU-DEVANANDA, founder-director of the Sivananda Yoga Vedanta Centre in Montreal and editor of *India Life International*, spoke on "Yoga as a Tool for Integrating the Human Being," at the Hindu Society's meeting on December 8.

The third Boreal Circle meeting of the 1969-70 season was held on Tuesday, December 9, when the guest speaker was GORDON R. CAMERON, former Commissioner of the Yukon Territory. Mr. Cameron's talk was entitled, "Yukon—Yesterday and Today."

A perfect foil! NORMAN YATES, Associate Professor of Art, stands at the end of his aluminum foil hall, part of an exhibition of his work in the Students' Union Art Gallery. If you walk slowly down the hall, the Alcan wrap crackles and tinkles as you pass. The Yates exhibition will continue until December 20.



This week and next

Listings of events which may interest University staff members must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by GILLIAN BUTLER, 432-4991.

12 DECEMBER, FRIDAY

University
Art Gallery

Until 21 December. An exhibition of prints by MASUO IKEDA. Organized by the Museum of Modern Art, New York.

SUB Art
Gallery

Until 20 December. Exhibition of work by three printmakers from British Columbia. Until 20 December. "Extensions"—an exhibition of work by NORMAN YATES, Associate Professor of Art. Paintings, design for theatre electronics, film, and television.

Student Cinema

7 and 9 p.m., Students' Union Theatre. *Moll Flanders*. (To confirm film title, phone Students' Union, 432-4271.)

Edmonton
Bird Club

8:15 p.m., Room 255, Agriculture Building. EDO NYLAND. "Water Fowl Sanctuaries at Miquelon and Ministik Lakes." Illustrated with slides.

15 DECEMBER, MONDAY

Film Society

8:15 p.m., Jubilee Auditorium. *Fireman's Ball*. Directed by Milos Forman, Czechoslovakia, 1968. Main series. English sub-titles.

General Faculty
Council Meeting

2 p.m., Council Chambers, University Hall. Tickets to the gallery must be obtained in advance from A. L. DARLING.

20 DECEMBER, SATURDAY

Indian Students'
Association

8 p.m., Students' Union Theatre. Dance concert.

16 DECEMBER, TUESDAY

Computing Science
Colloquium

4 p.m., Room 669, General Services Building. J. GORDON PARR, Dean of Applied Science, University of Windsor. "Entropy and Evolution."

22 DECEMBER, MONDAY

SUB Art
Gallery

Until 31 December. Exhibition of photographs by Photo Directorate and students at NAIT.

Bears' Hockey

8:30 p.m., Varsity Rink, versus the Alaska Methodist University.

NOTICES

RESEARCH IN DRUG METABOLISM AND TOXICITY

The Medical Research Council has instituted a program to set up two or three groups in Canada to expand and deepen research in drug metabolism and toxicity.

A committee at the University is considering plans for the establishment of such a group here. The committee would be pleased to receive by *December 20*, any proposals regarding the activities the group might undertake, and an indication of possible interest in participating in the group. Comments and suggestions should be addressed to E. E. DANIEL, Department of Pharmacology.

ORIENTATION SEMINAR ON JAPAN

To assist persons planning trips to Japan for Expo '70, the Department of Extension will sponsor a ten week orientation course beginning February 3.

GARY D. PRIDEAUX, Assistant Professor of Linguistics, will conduct the course. Dr. Prideaux speaks Japanese and has recently returned from a year's stay in Japan where he taught at Tottori University, Tottori-shi. The course should be of interest to those planning trips to Japan or to those who wish to learn more about the country and its people.

Orientation sessions will be held each Tuesday evening from 7:30 to 9:30 p.m., and among the topics to be discussed are history of the culture, the social structure, language, religion, art, and business and economics. The registration deadline is January 20, and the fee is \$35.

PRINCIPLES OF MANAGEMENT FOR ENGINEERS

The Department of Extension will sponsor a seminar on Principles of Management for Engineers on February 5 and 6.

The course will be taught by A. G. PERRONI, Associate Professor of Business Administration and Commerce.

The registration fee is \$55; further information may be obtained from the Department of Extension.

MANAGEMENT COMMUNICATIONS SEMINAR

A seminar in management communications, designed for middle and senior level managers from business, government, and other organizations, is being held from February 2 to 6. The seminar is sponsored by the Department of Extension.

The instructors will be GERALD S. MC CAUGHEY, Associate Professor of English; HENRY VAN SLOOTEN, of the University of Southern California; and ERNEST G. GRIFFIN, Associate Professor of English.

The seminar will be held at the Banff Centre for Continuing Education. The fee is \$175, plus accommodation at the Centre. Registration is limited to 20 students; the deadline is January 23. Additional information is available from the Department of Extension.

TAX FACTORS IN REAL ESTATE INVESTMENTS

The Department of Extension, in co-operation with the Alberta Real Estate Association, is sponsoring a seminar on tax factors in real estate investments, from January 18 to 20.

The seminar, to be held at the Banff School for Continuing Education, will discuss depreciation and capital cost allowance, tax implications of Agreement of Sale and/or Transfer of Land with a mortgage back, capital gains, and write-off of book losses.

Instructors will be SANFORD T. FITCH, Edmonton barrister and solicitor, and JOHN M. TWEDDLE, Edmonton chartered accountant.

The deadline for registration is January 7. The fee will be \$70, which includes tuition, class supplies, accommodation, and meals. Further information may be obtained from the Department of Extension.

FACULTY BADMINTON CLUB

Members are asked to note that play is cancelled on Wednesday, December 17, because of mid-term examinations. The season resumes on Wednesday, January 7. Further information may be obtained by calling 432-3371, -3716, or -3690.

FITNESS COURSE

The fitness course is being reinstated by the Department of Extension, and will run from 1:30 to 9 p.m. on Mondays and Wednesdays.

The course is conducted by S. G. ROBBINS and G. ELLIOTT of the Physical Education Faculty.

For further information, contact the Department of Extension or Professor Robbins at 432-3652.

PERSONAL NOTICES

Staff members may forward notices to reach the Editor by 9 a.m. the Friday prior to publication. They must be typed, and not exceed 35 words including heading. Advertisements received will be published at the Editor's discretion.

FOR SALE—1966 Beaumont station wagon, V8. Automatic transmission. 35,000 miles. Very good order. 432-3648, or 454-3342 after 6 p.m.

FOR RENT—Three-bedroom bungalow in Windsor Park. Stove, refrigerator, carpets, and drapes. \$250 per month. Available December 15. 439-0388.

SCOUT TROOP—Has need of person to assist in planning and carrying out programming. Anyone interested should call W. H. Cottle, Department of Physiology, 432-3969.

FOR SALE—New Volkswagen tire chains (KWB Schneeketten), 6.60-15, 5.90-15. Also Volkswagen Golden Miler nylon tires, 6.00-15. Snowgrip. Driven less than 1,000 miles. 432-4155, or 432-4068.

FOR SALE—Vilas furniture at half price. Coffee table 20 in. by 50 in. \$30, armchair \$35, chair \$25. Call Michael Piechowski at 432-3913, or 433-0760, any time.

FOR RENT—Partly furnished, four-bedroom house, three blocks from University. Large living room, dining room, kitchen, breakfast nook, and den. Large treed and fenced yard, ideal for children. 432-3585, or 699-3616.

FOLIO
THE UNIVERSITY OF ALBERTA
EDMONTON 7, ALBERTA



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